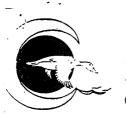


MCDONNELL DOUGLAS Y
Douglas Aircraft Company



CROSBY & OVERTON

Environmental Management Inc.

11791 Monarch Street • Garden Grove, California 92641 (714) 893-2468

SITE ASSESSMENT INVESTIGATION FOR

UNDERGROUND TANKS REMOVED

ΑT

DOUGLAS AIRCRAFT COMPANY C6 FACILITY 19503 SOUTH NORMANDIE AVENUE TORRANCE, CALIFORNIA

PREPARED BY:

CROSBY & OVERTON ENVIRONMENTAL

MANAGEMENT, INC.

11791 MONARCH STREET

GARDEN GROVE, CALIFORNIA 92641

FEBRUARY 8, 1988

PREPARED BY:

BRAD JOHNSTON **GEOLOGIST**

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CA REG. #1801

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INTRODUCTION

On September 22, 1987, Crosby & Overton Environmental Management, Inc. (C&O EMI) removed twelve (12) underground petroleum product storage tanks from the C6 Torrance facility of Douglas Aircraft Company (DAC) located at 19503 South Normandie Avenue. Soil analyses performed in conjunction with the tank removals had indicated the presence of petroleum hydrocarbons in six of the twelve excavations. Inspector Franco of the Los Angeles City Fire Department (LACFD) issued a notice on October 26, 1987, requiring a site assessment. DAC subsequently retained C&O EMI to conduct this site assessment to determine the extent of petroleum hydrocarbons in the soil.

TANK EXCAVATION SAMPLING

As each tank was removed from its excavation, soil samples were taken from the bottom of each tank excavation as directed by Inspector Franco. Samples were placed in glass jars with teflon-lined caps and packed in ice for delivery to West Coast Analytical Services under proper chain of custody procedures.

These samples were analyzed for Fuel Hydrocarbons by modified EPA 8015, for Volatile Aromatic Hydrocarbons by EPA 8020 and for Total Lead by EPA 6020. Table 1 contains a summary of all laboratory results. Six of the tank excavations exhibited detectable levels of hydrocarbons, while the remaining six did not indicate the presence of petroleum hydrocarbons. Figure 1 shows the locations and capacities of the removed tanks where hydrocarbons were detected in the excavations.

TABLE 1
Summary of Laboratory Results from Tank Excavation Samples

	·=1-	EPA 8015			EPA 802	20	EPA 6020
10	nk number	Fuel Hydrocarbons (ppm)	В	T	X	E (ppm)	Total Lead (ppm)
	27 T	9800 Gasoline	1.1	24	310	25	302
	28T	760 Gasoline	.6	.47	17	2.5	29
	30T	ND	ND	.029	.001	.001	124
	31T	3500 Gasoline	3.4	62	250	37	159
	32 T	400 Gasoline	.54	.6	24	3.1	16
	3 3T	2500 Gasoline	1.2	8.8	36	16	34
	34 T	ND	ND	ND	ND	ND	7.4
	35T	ND	ND	.001	.098	ND	7.2
	36T	ND	ND	ND	ND	ND	8.2
	37 T	2000 diesel	.74	.17	1.0	.41	6.5
•	24T \	TD: 00/0 11					
	25T S	EPA 8240 all compounds ND					

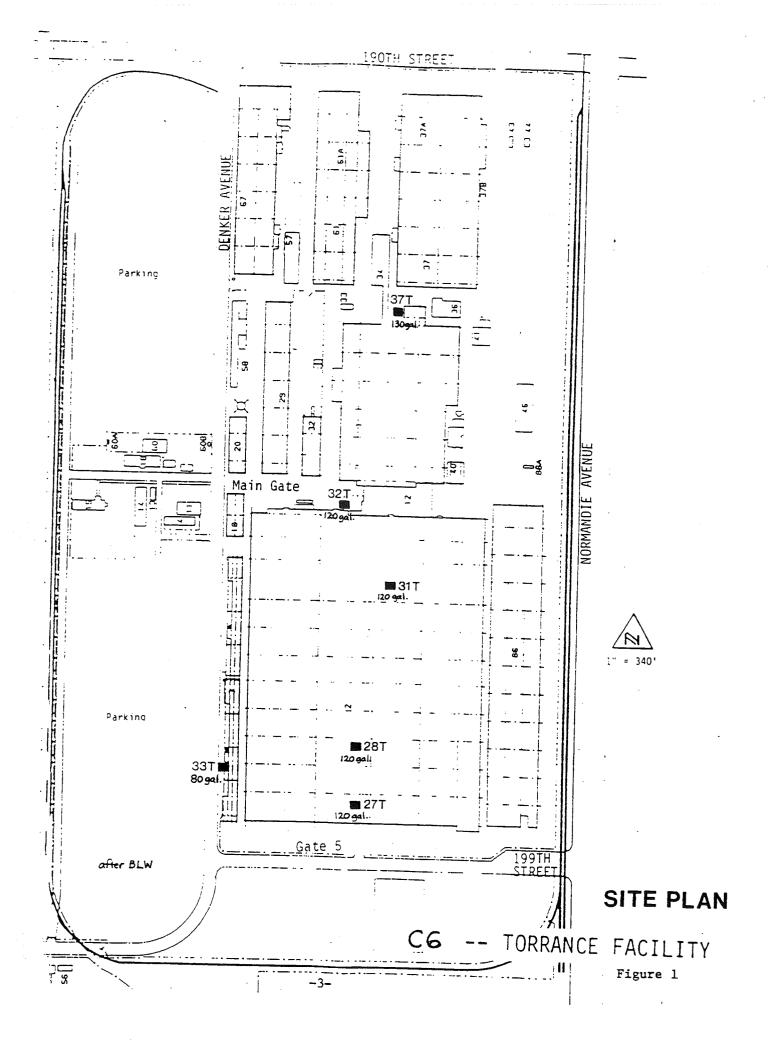
Detection	Limit	8015	10ppm
Detection	Limit	8020	lppb
etection	Limit	6020	0.7ppm

 ⁼ benzene

T = toluene

^{: =} xylene

E = ethyl benzene



SITE ASSESSMENT ACTIVITIES

Upon receipt of Inspector Franco's request for a site assessment, a work plan was developed and submitted by DAC to LACFD on November 24, 1987. This work plan explained that tank excavations 27T, 28T, 31T, 32T, 33T and 37T were to be investigated by drilling one boring beside each excavation, slanted 20 degrees from vertical in order to pass beneath the former tank location. Drilling operations were commenced by C&O EMI on January 8 and were concluded on January 11, 1988.

<u>Field Work.</u> Details of each excavation and its associated borehole are shown in Figures 2 through 7. Tank excavations are labelled with the letter T and boring locations with the number 1.

Prior to rig move-on at each boring, each proposed boring location was hand tool excavated to a depth of approximately three feet. Two of the borings had to be moved slightly from the locations proposed in the workplan due to underground obstructions. Boring number 32-1 was moved into the bottom of tank excavation 32T and was drilled vertically to a depth of 20 feet, while boring 37-1 was moved onto the sloping edge of tank excavation 37T and was drilled at an angle approximately 10° from vertical to a depth of 25 feet.

Accessibility was limited around tank excavations 27T, 28T and especially restricted at 31T. A portable drilling rig was used to drill borings 27-1 and 28-1 to a depth of 25 feet, but the

doorway leading to tank excavation 31T was too small for access by the portable rig. As a result, drilling of boring 31-1 was accomplished using a hand operated auger with a 3" diameter sample sleeve driven as deep as possible to 8 feet below grade, or 2 feet below the bottom of backfill in native soil.

Boring 33-1 was drilled as proposed in the work plan to 20 feet.

Drilling operations were performed with a 6" diameter hollow stem continuous-flight auger for borings 32-1, 33-1 and 37-1. The indoor locations of borings 27-1 and 28-1 necessitated the use of a portable rig that used a 6" diameter solid stem continuous-flight auger. Soil samples were taken with a 2 1/2" ID split spoon sample tool driven 18" ahead of the auger bit at five foot intervals. As each boring was drilled, accessible surfaced cuttings were placed into 55 gallon drums and stored at each location for appropriate disposal.

Core samples and surfaced drill cuttings were analyzed on site for potential presence of hydrocarbons and geological information, whereupon the data was recorded on the drilling logs presented in Appendix A. Field detection of hydrocarbons was accomplished through the use of a Photo Ionization Detector (PID) as well as visual and olfactory inspection.

Laboratory Analysis. Immediately upon obtaining the core samples, the center section was trimmed, capped, sealed with tape and placed on ice in an ice chest. At the conclusion of daily drilling operations, selected core samples were transferred

following required chain of custody procedures to Chemical Research Laboratories for analysis.

A total of eleven (11) core samples out of twenty-three (23) taken (two from all borings except 31-1, for which only one bottom sample was chosen) were submitted for laboratory analysis based on data from PID measurements, odor and sampling depth.

All samples submitted to the laboratory were analyzed for Total Petroleum Hydrocarbons using EPA 8015 and benzene, toluene, xylene and ethylbenzene (BTXE) by EPA 8020. A summary of the laboratory analyses from the drilling program is presented in Table 2, and complete laboratory reports are contained in Appendix B.

GEOLOGICAL ANALYSIS

Drilling data indicates that the site is immediately underlain by one to two feet of mixed sand, gravel and clay imported fill material. Backfill material in the tank excavations varied from well sorted coarse sand to sandy clays. Below this fill are natural sediments consisting of uniform silty, chalky and clayey fine-grained sands. There was very little local variation and permeabilities were generally poor with no significant avenues for vertical or horizontal migration of fluids.

The C6 site is approximately 50 feet above Mean Sea Level (MSL).

Groundwater elevation data collected on November 6, 1987 by

Woodward-Clyde Consultants indicates that the water table is over

21 feet below MSL. The depth to groundwater is therefore approximately 70 feet below grade.

RESULTS

The first tank excavation to be investigated was for 27T which held a 120 gallon gasoline tank, used as generator reserve fuel. Field observations during drilling of boring 27-1 indicated that hydrocarbon levels beneath this location decreased consistently with depth as indicated by PID readings of 230 ppm at 10 feet and zero at 25 feet. Laboratory analysis (see Table 2 and Appendix B) of the sample taken at 10 feet showed 310 ppm total hydrocarbons while the sample from 25 feet did not yield detectable levels of total hydrocarbons or BTXE.

Similar results were obtained for tank excavation 28T, which also held a 120 gallon generator reserve gasoline tank. Boring 28-1 exhibited field PID readings from a maximum of 220 ppm at 10 feet to 8 ppm at 25 feet. Laboratory analysis of samples at 10 feet and 25 feet showed 610 ppm and 1 ppm of total hydrocarbons, respectively.

Boring 32-1 was drilled beneath excavation 32T and exhibited a hydrocarbon concentration profile at shallower depths than those discussed above. The tank that existed in this location was also a 120 gallon gasoline reserve tank. The only positive field indication of hydrocarbons in this boring was a PID reading of 45 ppm at 10 feet. Laboratory analysis of the 10 foot sample showed 360 ppm total hydrocarbons and no detectable hydrocarbons at 20 feet.

Tank 33T was a generator reserve gasoline tank with a capacity of 80 gallons. The associated boring 33-1 showed no evidence of hydrocarbons during drilling operations. Laboratory analysis on samples from 10 feet and 20 feet also showed no detectable levels of hydrocarbons.

Tank 37T held approximately 130 gallons of reserve diesel fuel and was set near the top of an estimated ten feet of mixed sand and clay backfill. Drilling of boring 37-1 produced a sample of this backfill at 10 feet that showed 140 ppm of total hydrocarbons. Field observations indicated hydrocarbon levels decreased with depth below the 10 foot level. Laboratory analysis of the 25 foot sample showed no detectable levels of hydrocarbons.

Very limited accessibility at tank excavation 31T precluded the use of a motorized drill rig so a hand auger was driven as deep as possible into native soil in an attempt to establish a hydrocarbon concentration profile. Laboratory data from the tank excavation sampling program in conjunction with this boring data was used. The hand auger sample was taken 3 feet below the excavation bottom and 2 feet into native soil, and yielded a total hydrocarbon level of 1300 ppm as determined by laboratory analysis.

CONCLUSIONS

All of the borings drilled at the subject site (with the exception of 31-1 which was of limited depth) encountered no detectable hydrocarbons below a maximum depth of 25 feet. The relatively small maximum capacity of these tanks (130 gallons) minimized the amount of product that could have been released into the surrounding soil. Also, generally poor permeability of the native silty sands beneath the tanks restricted vertical migration of this product to a maximum of 25 feet. Horizontal migration has also been restricted by lack of permeable strata or fracture systems.

Boring 31-1 was not of sufficient depth to obtain a sample of soil with no detectable petroleum hydrocarbons. However, given that the sample taken from the bottom of the excavation showed 3500 ppm of total hydrocarbons and the auger sample 3 feet below that point showed 1300 ppm, it is assumed that the hydrocarbon concentration profile at this location is similar to those at the other 120 gallon tank sites.

RECOMMENDATIONS

Douglas Aircraft Company has chosen to use the December 1987 version of the Leaking Underground Fuel Tank (LUFT) Field Manual as a guideline for soil cleanup at this site. Based on the recommendations set forth in the LUFT Field Manual, DAC proposes to excavate the area beneath tanks 27T, 28T, 31T, 32T and 33T to a depth where Total Petroleum Hydrocarbon (TPH) levels are below

100 ppm. Since tank 37T contained diesel fuel, the maximum allowable TPH level at that site will be 1000 ppm. Soil from these excavations will be disposed of appropriately and imported backfill material will be used to restore the excavations to surface grade.

TABLE 2
Summary of Laboratory Results from Drilling Samples

orino numb		EPA 8015			EPA 8	020	
oring number	Depth	Fuel Hydrocarbons(ppm)	В	T	X	E	(ppm)
27-1	10'	310	2	15	15	130	
	25'	ND	ND	ND	ND	ND	
28-1	10'	610	0	66	50	315	
•	25†	1	ND	ND	ND	ND	
31-1	8'	1300	ND	25	16	150	
32-1	10'	360	2	1	4	41	
	20'	ND	ND	ND	ND	ND	
33-1	10'	ND	ND	ND	ND	ND	
	20'	ND	ND	ND	ND	ND	
37-1	10'	140	ND	ND -	2	5	
	25'	ND	ND	ND	ND	ND	

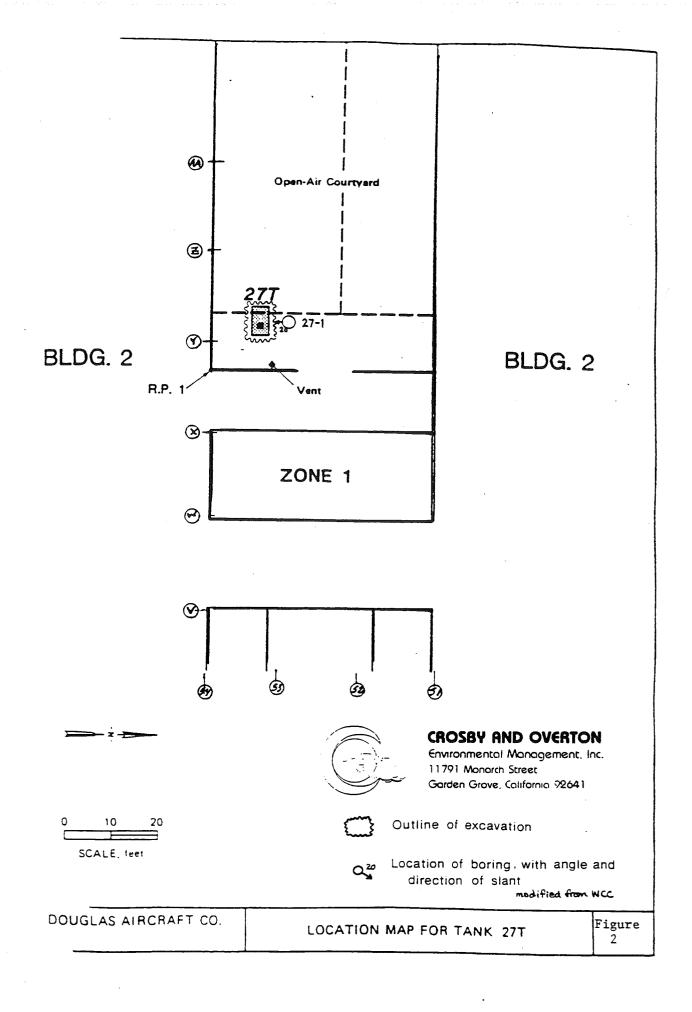
Detection Limit 8015 1 ppm
Petection Limit 8020 0.1 ppm

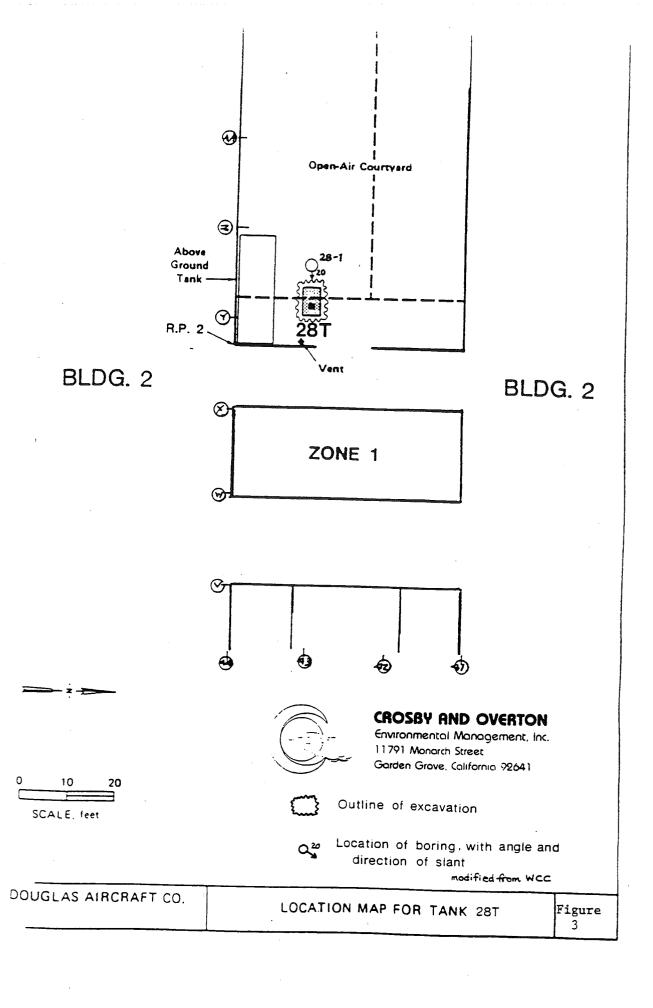
T = toluene

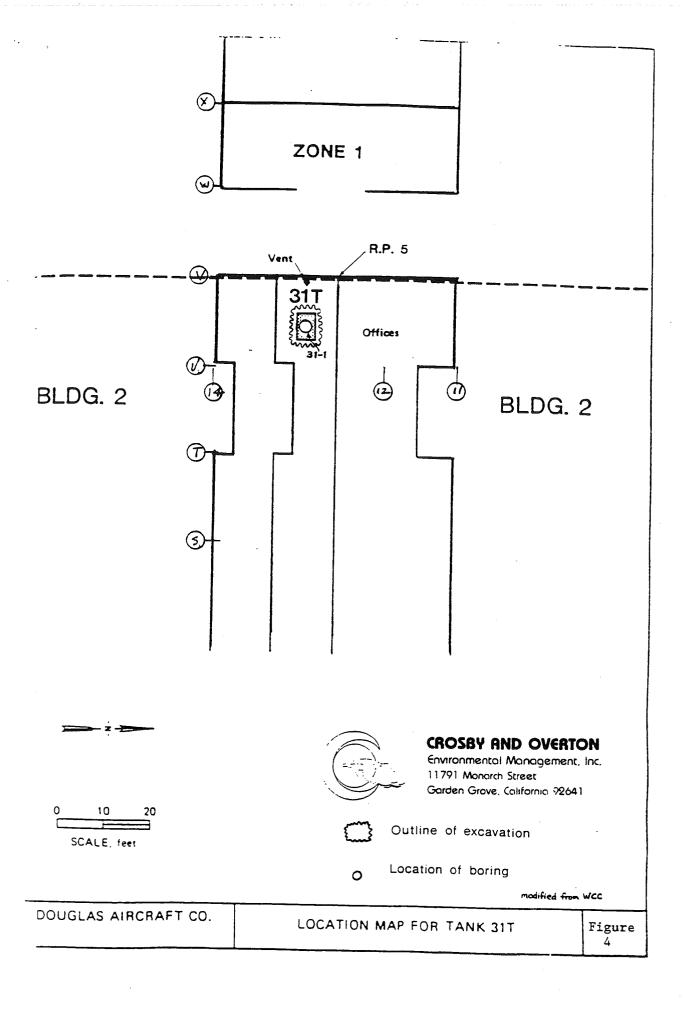
L = ethyl benzene

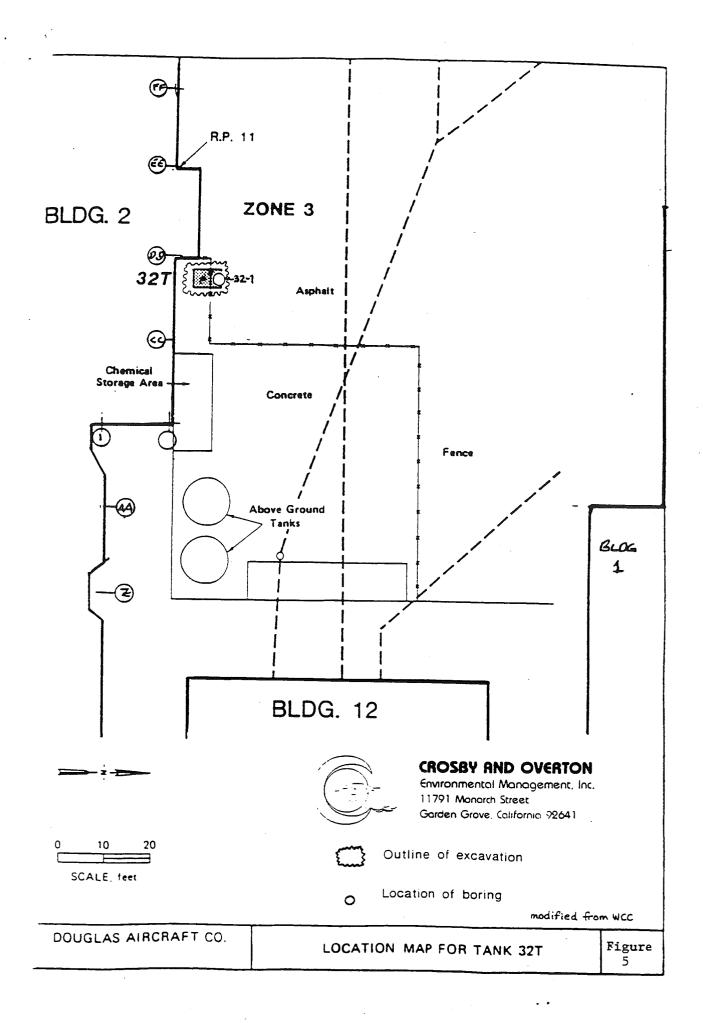
⁼ benzene

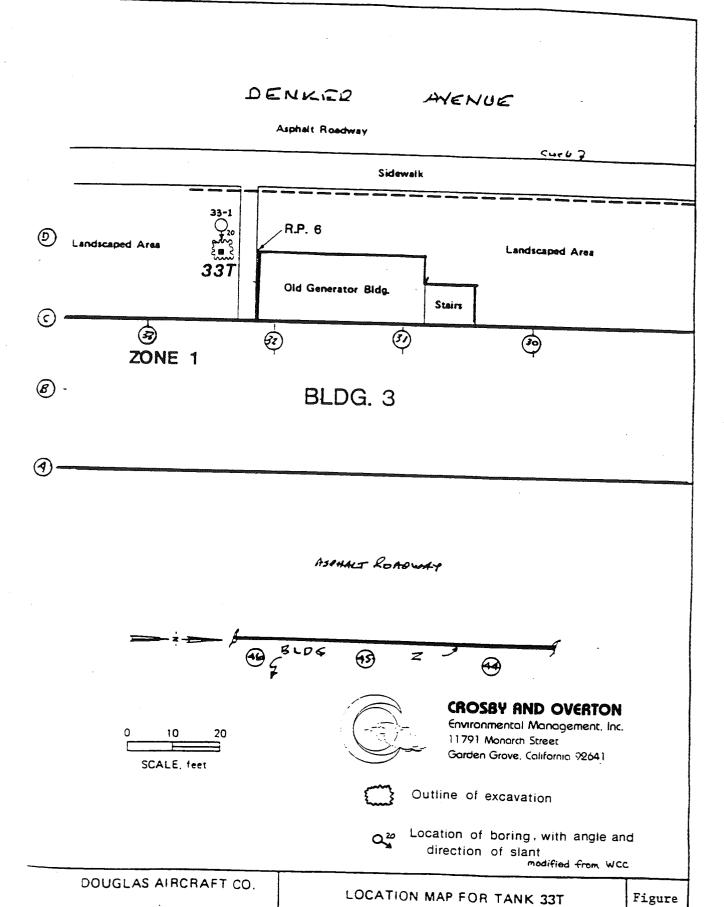
⁼ xylene

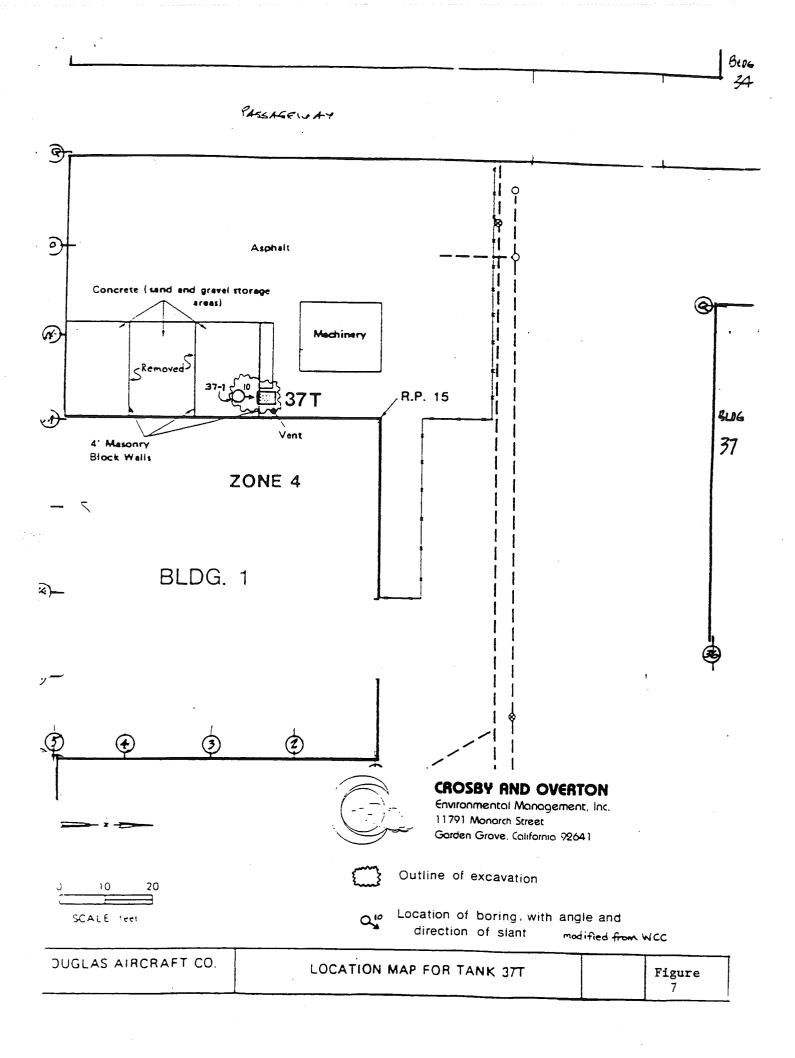












APPENDIX A
DRILLING LOGS

20 20 11 70 71 71 71 71 71 71 71 71 71 71 71 71	DJEC ATI E D EAC EEI BING:	ON_ CILL E EI I: DIA	Doug C6 F ED_1 LEVAT	ION	craí	e So	LENGOILS	CROSBY AND OVERTON Environmental Management, Inc. 11791 Monarch Street Garden Grove, California 92641 TOTAL DEPTH OF HOLE _25' DEPTH TO WATER SLOT SIZE TYPE DRILL METHODPortable Solid Stem Auger LOG BYBrad Johnston
(FE: 1)	PIPE CO	NST	CPPM)	SAM	ξÚ		GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
ا ا	<u>F</u>	FIL	OI4	101ABET	F	17	9	Boring was slanted 20° from vertical and was started 3' from edge of excavation (surface grade) Brn-dkbrn silty clay, mottled, sctrd f grn sd, sli
			2 30			37 41 50		Tan fine grn sand, sli silty, uniform, v. sli moist fair perm, strong "sweet" odor.
			170			7 9 17		Tan-brn f grn sd as above, sctrd tan silty clasts, sctrd blk stn, p-f perm, less odor.
34	-		40			12 16 32		Brn-gray silty f grn sd, uniform, clayey in part, sli moist, p-f perm, v sli odor. Tan-brn silty f grn sd as above, chalky, dry, poor
			0			50 54	-	Tan-brn silty f grn sd as above, chalky, dry, poor perm, no odor.

TD 25'

PROJECT CONTROL OF THE	ON_ RILLE EE EL I: DIA IS CO	Dou C6 D_ EVAT		rcra y, T	ft	LEN	CROSBY AND OVERTON Gravironmental Management, Inc. 11791 Monarch Street Garden Grove, California 92641 TOTAL DEPTH OF HOLE 25! DEPTH TO WATER GTH TYPE DRILL METHOD Portable Solid Stem Auger
PP		Swed Old	SVIVI		BLOW	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
		0			13 22 29		Boring was slanted 20° from vertical and was started 4' from edge of excavation (surface grade) Dk brn silty clay, sctrd f grn sd, moist, malleable, poor perm, no odor.
' -		220			13 27 50		Tan-brn fine grn sd, sli silty, uniform, sctrd blk pp stn, clayey in part, sli moist, cohesive, poor perm, strong odor.
		210	•		12 18 25	 	Tan brn f grn sd as above, moist, poor-fair perm strong odor.
2 0		130			14 31 50		Tan brn f grn sd as above, sctrd blk, pp stn, sli moist, less odor, poor perm.
-		8			60 90	- -	Tan brn silty f grn sd, v. dnse, dry, poor perm no odor.

TD 25'

ASING: DI	Doug1 C 6 F LED LEVAT IA	as Airco acility 1-11-88	Tor:	OVER	LEI LEN	SLOT SIZE IGTH SLOT SIZE IGTH TYPE EMI DRILL METHOD Hand Auger
WELL CONST	Brad	SAM	PLES	•	GRAPHIC LOG	LOG 84 Stad Johnston
	180					One sample was taken by hand auger 3' below bottom of excavation (8' below grade) Brn-gray mottled fine grn sand, sli silty, moist, p-f perm, strong odor. TD 8'

FROJE L DOAT L ITE URFA L REE CASIN DRILLI	CT	Dougl C6 Fa ED LEVATA.	IY_Cros	Tor	: As:	sessme ce LEN LEN erton	TOTAL DEPTH OF HOLE 20' DEPTH TO WATER GTH SLOT SIZE TYPE E.M.I. DRILL: METHOD Hollow Stem Auger
V	ELL	PID (PPM)	SAM	PLES	.	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
5		45			12 17 28		Boring was vertically drilled and started in bottom of excavation (5' below grade) No sample recovered - bottom of excavation at 5', very muddy Brn-gray fine grn sand, sctrd cse sd, dense, silty in part, cohesive in part, wet (sli moist where consolidated), fair perm, fair odor
		0			18 23 25 15 20 27		Tan-gray chalky silt, sctrd pp iron oxide stn, cohesive, moist, poor perm, no odor Tan-brown chalky silt as above, no stn, sli moist, sli cohesive, poor perm, no odor
T T					- -		TD 20'

ROJECT_Douglas Aircraft CATION_C6 Facility, Torrance TE DRILLED_1-11-88 JRFACE ELEVATION_ REEN: DIALENGTH_	SLOT SIZE
RILLING COMPANY Crosby & Overton EMI John Hale	TYPE DRILL: METHOD _Hollow Stem Auger LOG BY Brad Johnston
WELL SYMPLES SUBSTITUTE OF STANDS OF	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	oring was slanted 20° from vertical and was tarted 4' from edge of excavation (surface grade) rn clayey silt, sctrd dk brn mineral stn, calcium arbonate veins, cohesive, sli moist, poor-fair erm, no odor. an-brn fine grn sand, sli silty, sctrd borings lmm diam, sctrd organic particles, mod cohesive, soist, fair perm, no odor. Can-brn f grn sd as above, moist, sctrd worm tubes
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tan brn f grn sd as above, moist, no odor, poor perm

	ij::G	 (ZW)	ELL K	UMBER	·	<u> 37</u> –	-1	CROSBY AND OVERTON Environmental Management, Inc.
()C	ATI	ON_	C6 Fa	las Airc acility, -11-88		Corr	ance	TOTAL DEPTH OF HOLE 25'
กับ. ภ	EEN	E El	LEVAT	ION			LEN	GTH DEPTH TO WATER GTH SLOT SIZE GTH TYPE
2011	T IN	C CC	MARIE		by 8	vO v	erton	EMI DRILL METHOD Hollow Stem Auger LOG BY Brad Johnston
GE 11	CO	ווא דיין דיין דיין דיין דיין דיין דיין דיי	PID (PPM)	SAMP	_	alow	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (COLOR, TEXTURE, STRUCTURES)
	-					,		Boring was slanted 20° from vertical and started on edge of excavation (1' below grade)
5-			0			4 5 8	-	Mixed backfill material-blk heavy clay, cse sd and gravel. Asphalt and concrete pcs. Wet, gd perm, no odor.
			12			7 14 28		top spl: cse grn sand (backfill), dnse blk clay, wet, odor. btm spl: Tan-brn fine grn sand, sli silty, webbed gray stn, worm borings < lmm diam, prod sheen, diesel odor, moist.
-			6			12 18 23	 	Tan-brn f grn sd, v sli silty, cohesive, moist, p-f perm, no structures or stn, diesel odor.
ě			0			17 25 28	 	Tan-brn f grn sd as above, scrtd iron oxide stn encrustrd borings, sli moist, v sli odor, pour perm.
1			0		والمراوات	10 16 22	 	Tan brn f grn sd as above, sli moist, no stn, no structures, no odor, poor perm.

TD 25'

APPENDIX B COMPLETE LABORATORY RESULTS



Chemical Research Laboratories, Inc.

SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way ● Garden Grove. CA 92641
(714) 898-6370 ● FAX: (714) 891-5917 ● (800) LAB-1CRL

anuary 13, 1988

ROSBY & OVERTON EMI 1791 Monarch rden Grove, CA 92641 .IN: Brad Johnston ANALYSIS NO.: 800817-001/004 ANALYSES: EPA Method 8015,8020

DATE SAMPLED: 01/08/88
DATE SAMPLE REC'D: 01/08/88

PROJECT: DAC-Douglas Aircraft Co.

nclosed with this letter is the report on the chemical and physical ralyses on the samples from ANALYSIS NO: 800817-001/004 shown above.

ne samples were received by CRL in a chilled state, intact, and with the hain-of-custody record attached.

__ase note that ND() means not detected at the detection limit expressed ithin the parentheses.

REVIEWED AND APPROVED



LABORATORY REPORT

OSBY & OVERTON EMI

791 Monarch

larden Grove, CA 92641

TTN: Brad Johnston

ANALYSIS NO.: 800817-001/004 ANALYSES: EPA Method 8115,8020

DATE SAMPLED: 01/08/88

DATE SAMPLE REC'D: 01/08/88

DATE ANALYZED: 01/08/88

SAMPLE TYPE: Solid

PROJECT: DAC-Douglas Aircraft Co.

	BTX, EPA METHOD 8020, (mg/kg)										
MPLE ID	BENZENE	TOLUENE	ethyl <u>Benzene</u>	TOTAL XYLENES	HYDROCARBONS EPA METHOD 8015 (mg/kg)						
/-1 10' Borings 7-1 25' Borings -1 10' Borings -1 25' Borings	2. ND(0.1) ND(0.1) ND(0.1)	15. ND(0.1) 66. ND(0.1)	15. ND(0.1) 50. ND(0.1)	130. ND(0.1) 315. ND(0.1)	310. ND(1.) 610. 1.						

at pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive eighent to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.



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(714) 898-6370 ● FAX: (714) 891-5917 ● (800) LAB-1CRL

1 uary 14, 1988

POSBY AND OVERTON

91 Monarch Street

1.den Grove, CA 92641

'TN: Keith Kishishita

ANALYSIS NO.: 801112-001/007 ANALYSES: EPA Method 8015/8020

DATE SAMPLED: 1/11/88

DATE SAMPLE REC'D: 1/11/88
PROJECT: Douglas Aircraft-DAC

losed with this letter is the report on the chemical and physical lyses on the samples from ANALYSIS NO: 801112-001/007 shown above.

e samples were received by CRL in a chilled state, intact, and with the in-of-custody record attached.

ease note that ND() means not detected at the detection limit expressed in the parentheses.

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n pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive a client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.



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(714) 898-6370 ● FAX: (714) 891-5917 ● (800) LAB-1CRL

LABORATORY REPORT

i)SBY AND OVERTON 1791 Monarch Street arden Grove, CA 92641 in: Keith Kishishita

ANALYSIS NO.: 801112-001/007 ANALYSES: EPA Method 8015/8020

DATE SAMPLED: 1/11/88

DATE SAMPLE REC'D: 1/11/88

DATE ANALYZED: 1/11/88 SAMPLE TYPE: Solid

PROJECT: Douglas Aircraft-DAC

	BTX, EPA ME	THOD 8020	(mg/kg)	٠,	TOTAL PETROLEUM
MPLE NUMBER	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	HYROCARBONS EPA METHOD 8015 (mq/kq)
T 8' TK. 31T -T 10' TK. 32T T 20' TK. 32T T 10' TK. 33T -T 20' TK. 33T	ND(.1) 2. ND(.1) ND(.1)	25. 1. ND(.1) ND(.1)	16. 4. ND(.1) ND(.1)	150. 41. ND(.1) ND(.1)	1,300. 360. ND(1.) ND(1.)
T 20' TK. 33T T 25' TK. 37T	ND(.1) ND(.1) ND(.1)	ND(.1) ND(.1) ND(.1)	ND(.1) 2. ND(.1)	ND(.1) 5. ND(.1)	ND(1.) 140. ND(1.)

ort pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive either to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

33-1 10	TANK33T					1			
33 -1 20'	11							(
37-1 10'	TANK37T							1	
37-1 25 ¹	· l						1	}	
Relinquished by: (Signature) Relinquished by: (Signature)			Received by: (Signature) Received by: (Signature)				CRL will store sample for 30 da days is charged at \$10 per mor ple is charged at \$10 per samplion of your sample. 1. Client retrieved		
Relinquished by: (Signature)		Heceived by M (Signature)	Heceived by Mobile Laboratory for field analysis: (Signature)				3. Store for		
Dispatched by:(Signature)		Date	Date/Time			Received for Laborator by:			
Method of Ship	ment:		-		11	/	l herel	by authorize	
Special Assumption	HONSING THE TOURD	ME - HAR)COPY	ASAP				····	
	d from U.S. EPA, 1985			,		_			

DISTRIBUTION White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control